

ABSTRACT OF DISCLOSURE

The invention provides a photothermographic material including: a support and an image-forming layer including a non-photosensitive silver salt, a photosensitive silver halide, a binder, and a reduction agent disposed on the support, wherein a silver iodide content in the photosensitive silver halide is in a range from 40 mol% to 100 mol%; and an average sphere-equivalent diameter of the photosensitive silver halide is in a range from 0.3 μm to 5.0 μm . The photothermographic material may further include a silver iodide complex forming agent as a compound which substantially reduces visible light absorption caused by the photosensitive silver halide after thermal development. At least 50%, in terms of a projected area, of the photosensitive silver halide may be occupied by tabular silver halide grains having an aspect ratio of from 2 to 50 and being deposited with a silver salt in an epitaxial growth manner.